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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/517,182	12/07/2004	Hajime Maekawa	MAT-8637US	4367

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EXAMINER	
GORTAYO, DANGELINO N	

ART UNIT	PAPER NUMBER
2168	

DATE MAILED: 08/08/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/517,182	MAEKAWA ET AL.	
	Examiner	Art Unit	
	Dangelino N. Gortayo	2168	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *07 December 2004*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-11* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-11* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *07 December 2004* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *12/7/2004*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-11 are pending.

2. The amended claims filed 12/7/2004 have been accepted for examination.

Information Disclosure Statement

3. An initialed and dated copy of Applicant's IDS form 1449, filed 12/7/2004, is attached to the instant Office action.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-11 are rejected under 35 U.S.C. 102(e) as being anticipated by Humpleman et al. ("Humpleman" US Patent 7,043,532 B1)

As per claim 1, Humpleman teaches "An information processing system including an electronic device, a server device and an access device which accesses the electronic device, the information processing system comprising:" (see Abstract)

"(A) the electronic device including: (A-1) an operation screen information storage part which stores operation screen information that is information to configure a screen for operating one of the electronic device and another electronic device;" (Figure 10 and column 9 lines 6-19, wherein a server device stores operation capabilities, for services that can be implemented on the device)

"(A-2) an operation screen information transmission part which transmits the operation screen information at a request of the access device;" (column 9 lines 49-59, wherein the server device transmits attribute data to a client device which is presented in a GUI)

"(A-3) a device operation screen information reception part which honors device operation information from the access device;" (column 8 lines 7-11, wherein a server device provides service based on the client device)

"and (A-4) a device drive part which operates based on the device operation information that the device operation information reception part has honored;" (column 8 lines 7-11, wherein a server device provides service based on the client device)

"(B) the server device including: (B-1) an access information management part which has a record containing an access device identifier that is information to identify the access device, and electronic device address information that is information to

access the electronic device;" (column 8 lines 19-25, wherein a session manager includes a software agent to access various server devices for a client device)

"(B-2) a transmission command reception part which receives a transmission command having the access device identifier from the access device;" (column 8 lines 25-30)

"and (B-3) an electronic device access information transmission part for transmitting electronic device access information, which has the electronic device address information corresponding to the access device identifier contained in the transmission command that the transmission command reception part has received, to the access device;" (column 8 lines 41-52)

"and (c) the access device including: (C-1) an access device identifier storage part which stores the access device identifier that is the information to identify the access device;" (column 4 lines 61-67 and column 5 lines 43-50)

"(C-2) a server device identifier storage part which stores a server device identifier that is information to identify the server device;" (column 4 lines 61-67 and column 5 lines 43-50)

"(C-3) an access request honoring part which honors an access request to the server device;" (column 6 lines 10-17)

"(C-4) a transmission command transmission part which transmits the transmission command to the server device identified by the server device identifier that the server device identifier storage part stores when the access request honoring part has honored the access request, the transmission command having the access device

identifier and directing transmission of the electronic device access information which is the information to access the electronic device;" (column 6 lines 53-58, wherein a client device communicates with session manager and server devices)

"(C-5) an electronic device access information reception part which receives the electronic device access information that the server device has transmitted in response to the transmission command;" (column 8 lines 3-7, wherein the client receives the GCO of the server device)

"(C-6) an operation screen information reception part which instructs the electronic device to transmit the operation screen information based on the electronic device access information that the electronic device access information reception part has received, and receives the operation screen information;" (column 8 lines 3-10, wherein a client device displays a GUI for each server device)

"(C-7) an operation screen display part which displays an operation screen based on the operation screen information that the operation screen information reception part has received;" (column 8 lines 3-10)

"(C-8) a device operation information honoring part which honors the device operation information entered based on the operation screen that the operation screen display part has displayed;" (column 8 lines 52-59)

"and (C-9) a device operation screen information transmission part which transmits the device operation information to the electronic device." (column 8 lines 11-18, wherein server device performs the service based on client device input)

As per claim 2, Humpleman teaches "the electronic device further includes: a device operation information programming part which stores the device operation information that the device operation screen information reception part has honored," (Figure 11 and column 9 lines 39-46) "and the device drive part operates based on the device operation information that the device operation information programming part has stored." (column 8 lines 11-18)

As per claim 3, Humpleman teaches "the access device further includes: an electronic device access information display part which displays at least part of the electronic device access information that the electronic device access information reception part has received," (column 9 lines 49-58) "and an operation screen information transmission command honoring part which honors an input with respect to the electronic device access information that the electronic device access information display part has displayed," (column 8 lines 41-51) "and the operation screen information reception part receives the operation screen information by instructing the electronic device to transmit the operation screen information based on the input when the operation screen information transmission command honoring part has honored the input." (column 9 lines 49-58)

As per claim 4, Humpleman teaches "An electronic device used in an information processing system having an access device," (Figure 9 reference 14 and column7 lines 56-63 "server devices)

"the electronic device comprising: an operation screen information storage part which stores operation screen information that is information to configure a screen for operating one of the electronic device and another electronic device;" (Figure 10 and column 9 lines 6-14, wherein a server device stores operation capabilities)

"an operation screen information transmission part which transmits the operation screen information at a request of the access device;" (column 9 lines 49-59, wherein the server device transmits attribute data to a client device which is presented in a GUI)

"a device operation screen information reception part which honors device operation information from the access device;" (column 8 lines 7-11, wherein a server device provides service based on the client device)

"and a device drive part which operates based on the device operation information that the device operation information reception part has honored;" (column 8 lines 7-11, wherein a server device provides service based on the client device)

As per claim 5, Humpleman teaches "A server device used in an information processing system including an access device and an electronic device," (Figure 14 reference 14)

"the server device comprising: an access information management part which has a record containing an access device identifier that is information to identify the access device, and electronic device address information that is information to access

the electronic device;" (column 8 lines 19-25, wherein a session manager includes a software agent to access various server devices for a client device)

"a transmission command reception part which receives a transmission command having the access device identifier from the access device;" (column 8 lines 25-30)

"and an electronic device access information transmission part for transmitting electronic device access information, which has the electronic device address information corresponding to the access device identifier contained in the transmission command that the transmission command reception part has received, to the access device;" (column 8 lines 41-52)

As per claim 6, Humpleman teaches "An access device used in an information processing system including a server device and an electronic device," (Figure 8 reference 12)

"and the access device comprising: an access device identifier storage part which stores the access device identifier that is the information to identify the access device;" (column 6 lines 59-62, wherein a client device is identified by the user logging in)

"a server device identifier storage part which stores a server device identifier that is information to identify the server device;" (column 6 lines 4-9)

"an access request honoring part which honors an access request to the server device;" (column 6 lines 10-17)

"a transmission command transmission part which transmits the transmission command to the server device identified by the server device identifier that the server device identifier storage part stores when the access request honoring part has honored the access request, the transmission command having the access device identifier and directing transmission of the electronic device access information which is the information to access the electronic device;" (column 6 lines 53-58, wherein a client device communicates with session manager and server devices)

"an electronic device access information reception part which receives the electronic device access information that the server device has transmitted in response to the transmission command;" (column 8 lines 3-7, wherein the client receives the GCO of the server device)

"an operation screen information reception part which instructs the electronic device to transmit the operation screen information based on the electronic device access information that the electronic device access information reception part has received, and receives the operation screen information;" (column 8 lines 3-10, wherein a client device displays a GUI for each server device)

"an operation screen display part which displays an operation screen based on the operation screen information that the operation screen information reception part has received;" (column 8 lines 3-10)

"a device operation information honoring part which honors the device operation information entered based on the operation screen that the operation screen display part has displayed;" (column 8 lines 52-59)

"and a device operation screen information transmission part which transmits the device operation information to the electronic device." (column 8 lines 11-18, wherein server device performs the service based on client device input)

As per claim 7, Humpleman teaches "A device control method used in an information processing system including an electronic device, a server device and an access device which accesses the electronic device," (see Abstract)

"the device control method comprising the steps of: (a) honoring an access request to the server device by using the access device;" (column 6 lines 10-17)

"(b) transmitting a transmission command to the server device identified by a previously stored server device identifier by using the access device, the transmission command having an access device identifier and directing transmission of electronic device access information which is information to access the electronic device;" (column 6 lines 53-58, wherein a client device communicates with session manager and server devices)

"(c) acquiring electronic device address information corresponding to the access device from the electronic device access information stored, by using the server device;: (column 8 lines 3-7, wherein the client receives the GCO of the server device)

"(d) transmitting the electronic device access information containing the electronic device address information to the access device by using the server device;" (column 8 lines 41-52)

"(e) receiving the electronic device access information by using the access device;" (column 8 lines 25-30)

"(f) instructing the electronic device to transmit operation screen information based on the electronic device access information received, by using the access device;" (column 9 lines 49-59, wherein the server device transmits attribute data to a client device which is presented in a GUI)

"(g) transmitting the operation screen information stored in response to a transmission instruction of the access device by using the electronic device;" (column 8 lines 3-7, wherein the client receives the GCO of the server device)

"(h) receiving the operation screen information by using the access device;" (column 8 lines 3-10, wherein a client device displays a GUI for each server device)

"(i) displaying an operation screen based on the operation screen information received, by using the access device;" (column 8 lines 3-10)

"(j) honoring an input of device operation information of the electronic device in accordance with the operation screen, by using the access device;" (column 8 lines 7-11, wherein a server device provides service based on the client device)

"(k) transmitting the device operation information to the electronic device by using the access device;" (column 9 lines 49-59, wherein the server device transmits attribute data to a client device which is presented in a GUI)

"(l) receiving the device operation information by using the electronic device;" (column 8 lines 7-11)

"and (m) operating the electronic device based on the device operation information." (column 8 lines 7-11, wherein a server device provides service based on the client device)

As per claim 8, Humpleman teaches "the step (m) comprises the steps of: (n) storing the device operation information by using the electronic device;" (column 4 lines 61-67 and column 5 lines 43-50) "and (o) operating the electronic device based on the device operation information stored." (column 8 lines 7-11)

As per claim 9, Humpleman teaches "A device control method used in an information processing system including an electronic device, a server device and an access device which accesses the electronic device," (see Abstract)

"the device control method comprising the steps of: (a) honoring an access request to the server device by using the access device;" (column 6 lines 4-9)

"(b) transmitting a transmission command to the server device identified by a previously stored server device identifier by using the access device, the transmission command having an access device identifier and directing transmission of electronic device access information which is information to access the electronic device;" (column 6 lines 53-58, wherein a client device communicates with session manager and server devices)

"(c) acquiring electronic device address information corresponding to the access device from the electronic device access information stored, by using the server device;" (column 8 lines 3-7, wherein the client receives the GCO of the server device)

"(d) transmitting the electronic device access information containing the electronic device address information to the access device by using the server device;" (column 8 lines 41-52)

"(e) receiving the electronic device access information by using the access device;" (column 8 lines 25-30)

"(f) displaying at least part of the electronic device access information by using the access device;" (column 9 lines 50-58)

"(g) honoring an electronic device access command which is an input with respect to a display of the electronic device access information by using the access device;" (column 6 lines 10-17)

"(h) instructing the electronic device to transmit operation screen information based on the electronic device access command by using the access device;" (column 9 lines 49-59, wherein the server device transmits attribute data to a client device which is presented in a GUI)

"(i) transmitting the operation screen information stored in response to a transmission instruction of the access device by using the electronic device;" (column 8 lines 3-7, wherein the client receives the GCO of the server device)

"(j) receiving the operation screen information by using the access device;" (column 8 lines 3-10, wherein a client device displays a GUI for each server device)

"(k) displaying an operation screen based on the operation screen information received, by using the access device;" (column 8 lines 7-11)

"(l) honoring an input of device operation information of the electronic device corresponding to the operation screen by using the access device;" (column 8 lines 7-11)

"(m) transmitting the device operation information to the electronic device by using the access device;" (column 9 lines 49-59, wherein the server device transmits attribute data to a client device which is presented in a GUI)

"(n) receiving the device operation information by using the electronic device;" (column 8 lines 7-11)

"and (o) operating the electronic device based on the device operation information." (column 8 lines 7-11)

As per claim 10, Humpleman teaches "A program for making a computer execute a device control method used in an information processing system," (see Abstract)

"the program comprising the steps of: (a) honoring an access request to the server device by using the access device;" (column 6 lines 10-17)

"(b) transmitting a transmission command to the server device identified by a previously stored server device identifier by using the access device, the transmission command having an access device identifier and directing transmission of electronic device access information which is information to access the electronic device;" (column 6 lines 53-58, wherein a client device communicates with session manager and server devices)

"(c) acquiring electronic device address information corresponding to the access device from the electronic device access information stored, by using the server device;: (column 8 lines 3-7, wherein the client receives the GCO of the server device)

"(d) transmitting the electronic device access information containing the electronic device address information to the access device by using the server device;" (column 8 lines 41-52)

"(e) receiving the electronic device access information by using the access device;" (column 8 lines 25-30)

"(f) instructing the electronic device to transmit operation screen information based on the electronic device access information received, by using the access device;" (column 9 lines 49-59, wherein the server device transmits attribute data to a client device which is presented in a GUI)

"(g) transmitting the operation screen information stored in response to a transmission instruction of the access device by using the electronic device;" (column 8 lines 3-7, wherein the client receives the GCO of the server device)

As per claim 11, Humpleman teaches "the access device further includes: an electronic device access information display part which displays at least part of the electronic device access information that the electronic device access information reception part has received," (column 11 lines 35-42)

"and an operation screen information transmission command honoring part which honors an input with respect to the electronic device access information that the

electronic device access information display part has displayed," (column 11 lines 24-34)

"and the operation screen information reception part receives the operation screen information by instructing the electronic device to transmit the operation screen information based on the input when the operation screen information transmission command honoring part has honored the input." (column 11 lines 42-49)

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Venkatraman et al. (US Patent 6,139,177 A)

Jackson et al. (6,886,017 B1)

DeAnna et al. (US Patent 6,947,943 B2)

Parent (US Patent 7,024,473 B2)

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dangelino N. Gortayo whose telephone number is (571)272-7204. The examiner can normally be reached on M-F 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim T. Vo can be reached on (571)272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Dangelino N. Gortayo
Examiner

Tim T. Vo
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